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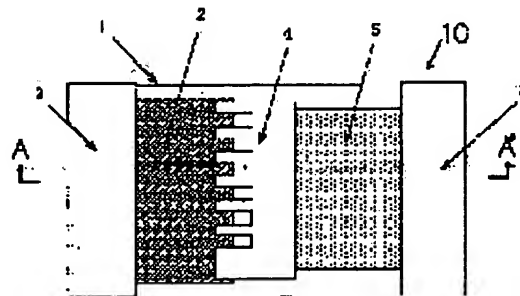
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(54) RESISTOR AND METHOD FOR MANUFACTURING THE SAME, AND TEMPERATURE SENSOR USING THE RESISTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a resistor whose resistance value can be readily controlled, and a temperature sensor of high accuracy.

SOLUTION: In the resistor 10, having a given value of combined resistance, is manufactured by connecting a first resistor 2 and a second resistor 5, the second resistor 5 has a temperature coefficient of resistance, whose absolute value is one hundredth or smaller than that of the first resistor 2, and consists of thin film made of nickel - chrome alloy, whose resistance value is not larger than that of the thin film made of chrome - silicon - boron alloy which constitutes the first resistor 2, and after trimming the first resistor 2, the second resistor 5 is trimmed.



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